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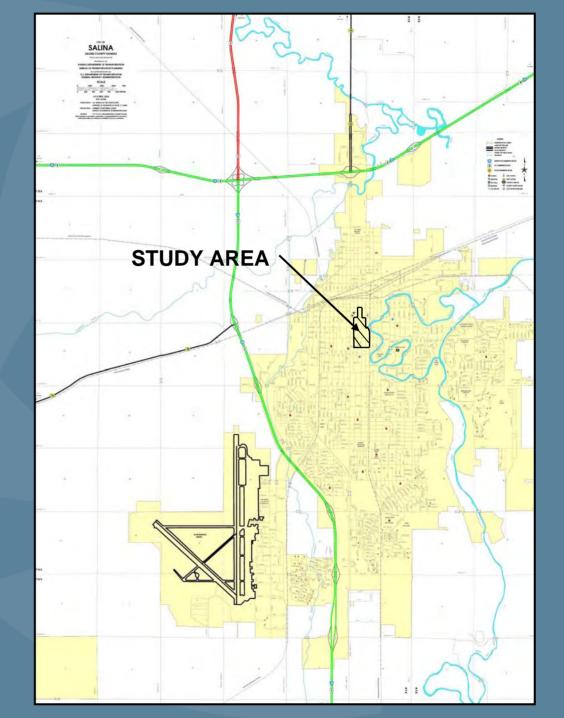
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- 6) Create a report of procedure and findings.

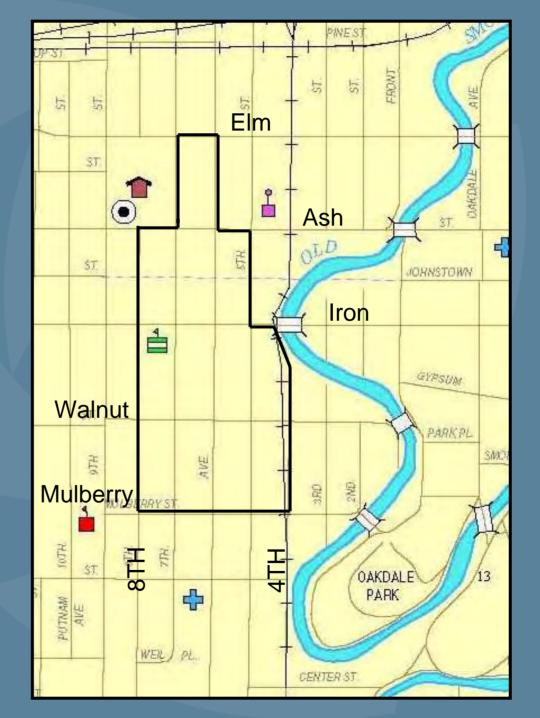


City of Salina

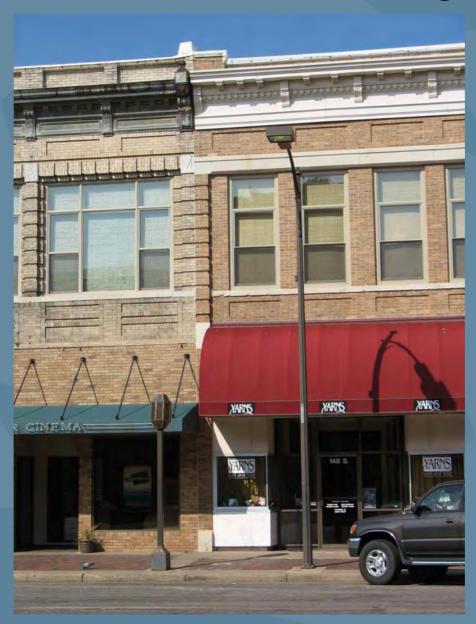


Salina

Downtown Area Map



"Typical" Downtown Lighting

























Additional Lighting Near the Downtown Area





Additional Lighting Near the Downtown Area







Additional Lighting Near the Downtown Area



Perform Field Lighting Footcandle Level Readings to Develop Model

- Gathered data on:
 - Santa Fe, between Iron and Walnut
 - Santa Fe, between Ash and Elm
 - Seventh Street, between Ash and Elm
 - Eight Street, between Ash and Iron
 - Eight Street, between Iron and Walnut
 - Fifth Street, between Iron and Walnut
 - City Parking Lots



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 - Challenges
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 - Field data shows actual lighting levels
 - Age of Lamp
 - Debris in Lens
 - Tree obstructions







Meet with Salina Downtown, Inc.

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 - Attended Board Meeting



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 - Gathered Information from members



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 - Revise Layout
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 - Varying Lighting Approaches for Differing Areas within the study
- Still gathering data on community desires.



- Design Criteria (Recommendations Only)
 - Illuminating Engineering Society, N.A. (IESNA)
 - Community Responsive Design
 - Goals
 - Theme
 - Family of Luminaires
 - Lighting Levels
 - Local-Commercial Classification
 - 0.9 footcandles average, Average to Minimum Ratio 6:1
 - Local-Intermediate Classification
 - 0.7 footcandles average, Average to Minimum Ratio 6:1
 - Local-Residential Classification
 - 0.4 footcandles average, Average to Minimum Ratio 6:1
 - Parking Lots
 - 0.2 footcandles minimum, Maximum to Minimum Ratio 20:1



Create Report of Procedure and Findings

- Preliminary Report Due September 21st
- Final Report Due to City on October 19th



Questions or Comments

